

Fig. 1

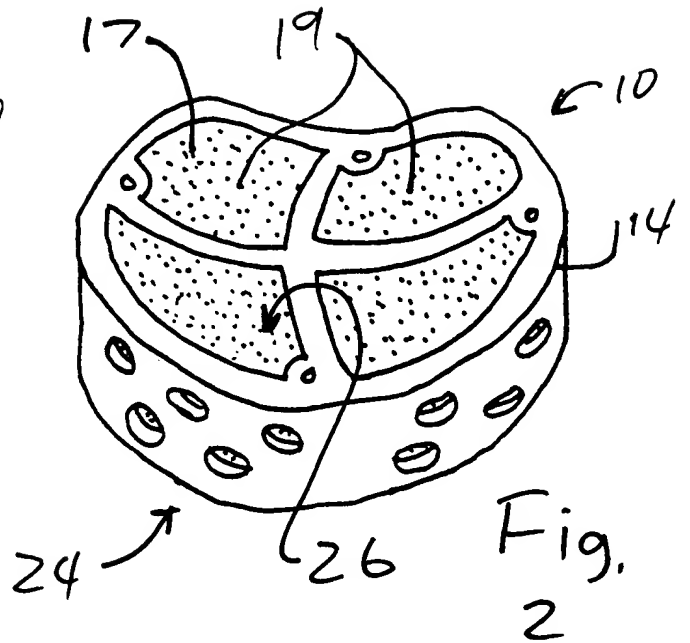


Fig. 2

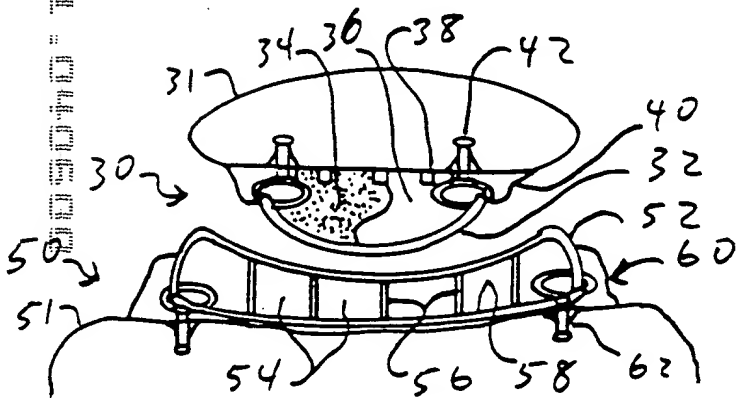


Fig. 3

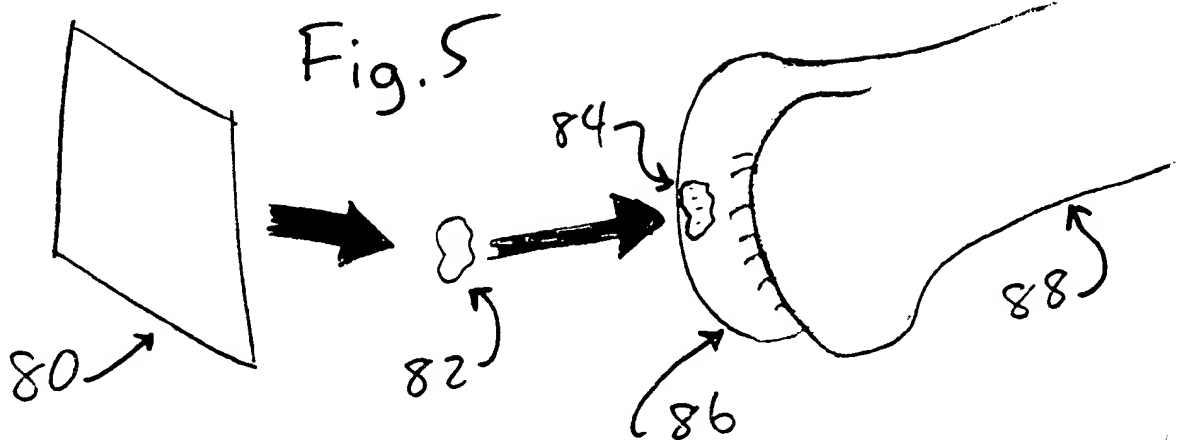
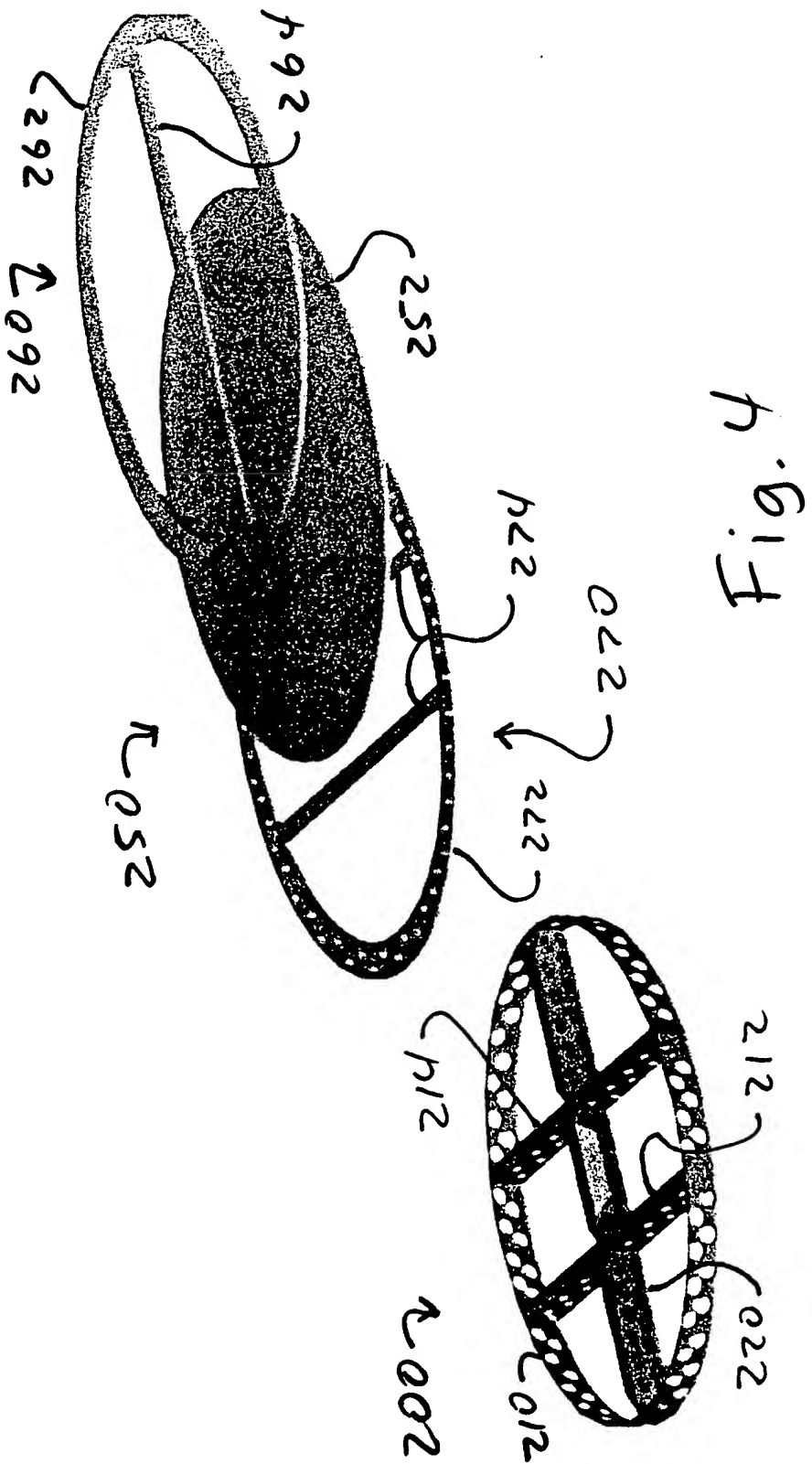


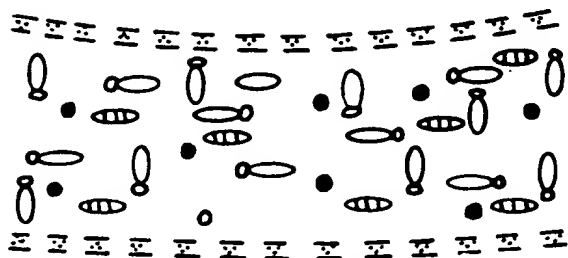
Fig. 5



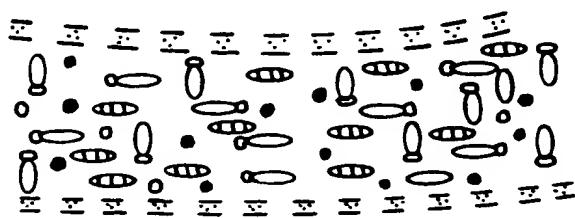
LEGEND:

○ SAPL  
 ○ Lubricin  
 ∞ Lubricin/SAPL  
 complexes

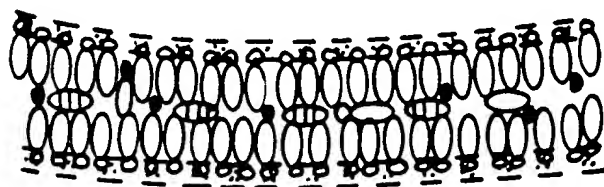
● Hyaluronic acid  
 ⊕ Other macromolecules  
 ≡ ≡ ≡ Semi-permeable  
 membranes



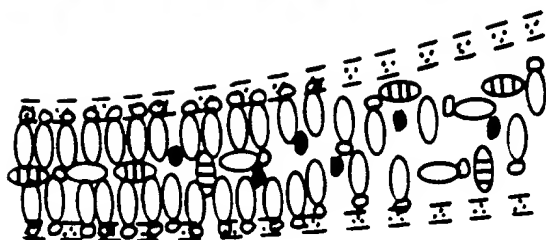
**Fig. 6A**  
 UNLOADED JOINT SPACE



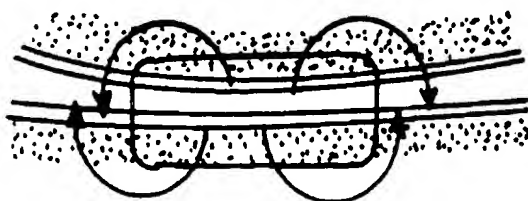
**Fig. 6B**  
 INSTANTANEOUS  
 LOADING



**Fig. 6C**  
 STATIC COMPRESSION



**Fig. 6D**  
 HYDROPLANING MOTION



**Fig. 6E**  
 LOADED FLUID FLOW  
 THROUGH SELECTIVELY  
 PERMEABLE MEMBRANES

00900 = THE 11500